

Name: _____

Factoring – Sum and Differences of Two Cubes (Version 2)

Directions: Please fully factor the following.

1. $d^3 + w^3$

2. $w^3 - r^3$

3. $b^3 - 64$

4. $g^3 + 8$

5. $k^{33} + 1$

6. $125x^3 + y^{15}$

7. $8 - 27y^3$

8. $x^3y^6 + 216$

9. $8x^{21} - 64$

10. $8a^{24} + 24y^3$